

Title (en)

FLUIDIC EJECTION CARTRIDGE AND METHOD FOR FABRICATING SINTERED METAL CARTRIDGE

Title (de)

FLÜSSIGKEITSAUSSTOSSKARTUSCHE UND VERFAHREN ZUR HERSTELLUNG EINER SINTERMETALLPATRONE

Title (fr)

CARTOUCHE D'ÉJECTION DE FLUIDE ET PROCÉDÉ DE FABRICATION D'UNE CARTOUCHE DE MÉTAL FRITTÉ

Publication

**EP 4049845 A1 20220831 (EN)**

Application

**EP 22156787 A 20220215**

Priority

US 202117187745 A 20210227

Abstract (en)

A fluidic ejection cartridge (10) having a unitary integrally-formed body (12) of sintered metal having an upper portion (14), a lower portion (16), a sidewall (18), and a bottom (26) having a nosepiece (28), the body (12) defining a reservoir (22). Some embodiments include a lid (24) of the sintered metal disposed over and sealed to the upper portion (14) of the body (12). Some embodiments include a chip (30) in fluid flow communication with the reservoir (22). Some embodiments include a filter (34) disposed in the reservoir (22) at the lower portion (16) of the body (12). Some embodiments include a volume of an ejectable fluid disposed within the reservoir (22).

IPC 8 full level

**B41J 2/175** (2006.01); **B29C 64/153** (2017.01); **B33Y 80/00** (2015.01)

CPC (source: CN EP US)

**B22F 3/1021** (2013.01 - CN); **B22F 3/24** (2013.01 - CN); **B22F 5/00** (2013.01 - CN); **B33Y 70/00** (2014.12 - EP); **B41J 2/175** (2013.01 - CN); **B41J 2/17503** (2013.01 - EP); **B41J 2/17513** (2013.01 - EP US); **B41J 2/17546** (2013.01 - US); **B41J 2/17553** (2013.01 - EP US); **B41J 2/17559** (2013.01 - EP US); **B22F 2003/247** (2013.01 - CN); **B22F 2998/10** (2013.01 - EP)

C-Set (source: EP)

**B22F 2998/10** + **B22F 1/10** + **B22F 3/10** + **B22F 2003/247**

Citation (search report)

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- [Y] US 2020139719 A1 20200507 - PORTER CHRISTOPHER ANDREW [US]
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Designated contracting state (EPC)

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Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

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DOCDB simple family (application)

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